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US 20060173285 A1	US- PGPUB	20060803	Methods and systems for reducing RF-induced heating in magnetic resonance imaging	600/422		Mallozzi; Richard Philip et al.
US 20060132133 A1	US- PGPUB	20060622	Method and system for spatial-spectral excitation by parallel RF transmission	324/318	324/307	Zhu; Yudong et al.
US 20060132132 A1	US- PGPUB	20060622	Method and system for MR scan acceleration using selective excitation and parallel transmission	324/309	324/307; 324/318	Zhu; Yudong et al.
US 20060074296 A1	US- PGPUB	20060406	System and method for correcting motion artifacts in imaging	600/424		Dumoulin; Charles Lucian et al.
US 20050253582 A1	US- PGPUB	20051117	Multi-turn element RF coil array for multiple channel MRI	324/318		Giaquinto, Randy Otto John et al.
US 20050134268 A1	US- PGPUB	20050623	Method and apparatus to generate an RF excitation consistent with a desired excitation profile using a transmit coil array	324/309	324/307	Zhu, Yudong
US 20050134267 A1	US- PGPUB	20050623	Method and apparatus to reduce RF power deposition during MR data acquisition	324/309	324/307	Zhu, Yudong
US 20050110488 A1	US- PGPUB	20050526	Method and apparatus to generate an RF excitation consistent with a desired excitation profile using a transmit coil array	324/309	324/307	Zhu, Yudong
US 20050110487 A1	US- PGPUB	20050526	Method and apparatus to reduce RF power deposition during MR data acquisition	324/309	324/314	Zhu, Yudong
US 20050096534 A1	US- PGPUB	20050505	Systems and methods for calibrating coil sensitivity profiles	600/422	324/318	Zhu, Yudong et al.
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US 20040051529 A1	US- PGPUB	20040318	Method and system for extended volume imaging using MRI with parallel reception	324/318	324/307; 324/309	Zhu, Yudong et al.
US 20040034297 A1	US- PGPUB	20040219	Medical device positioning system and method	600/407		Darrow, Robert David et al.
US 20030214294 A1	US- PGPUB	20031120	Method for accelerating focused excitation with multiple RF transmit coils	324/309	324/307; 324/318	Zhu, Yudong
US 20030120146 A1	US- PGPUB	20030626	Method and system for tracking small coils using magnetic resonance	600/410		Dumoulin, Charles Lucian
US	US-	20030529	METHOD AND SYSTEM FOR	600/410		Demoulin,

20030100825 A1	PGPUB		EXTENDED VOLUME IMAGING USING MRI			Charles Lucian et al.
US 20030004410 A1	US- PGPUB	20030102	Method for MR imaging with an array of RF coils	600/422		Zhu, Yudong
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US 20020173717 A1	US- PGPUB	20021121	Apparatus for use in neonatal magnetic resonance imaging	600/415		Rohling, Kenneth William et al.
US 20020093334 A1	US- PGPUB	20020718	K-space synthesis for MR imaging in the presence of gradient field nonlinearity	324/307	324/309	Zhu, Yudong
US 20020010396 A1	US- PGPUB	20020124	Method for ultra-fast MR fluoroscopy	600/410	324/307; 324/309	Zhu, Yudong
US 20010038285 A1	US- PGPUB	20011108	Method for MRI data acquisition and reconstruction with minimal latency	324/309	324/307	Zhu, Yudong
US 7075302 B2	USPAT	20060711	Method and apparatus to generate an RF excitation consistent with a desired excitation profile using a transmit coil array	324/318	324/309	Zhu; Yudong
US 7075301 B2	USPAT	20060711	Method and apparatus to reduce RF power deposition during MR data acquisition	324/318	324/309	Zhu; Yudong
US 7053618 B2	USPAT	20060530	Method and apparatus to generate an RF excitation consistent with a desired excitation profile using a transmit coil array	324/318	324/309	Zhu; Yudong
US 7009396 B2	USPAT	20060307	Method and system for extended volume imaging using MRI with parallel reception	324/309	600/410; 600/415	Zhu; Yudong et al.
US 6989673 B2	USPAT	20060124	Method and apparatus to reduce RF power deposition during MR data acquisition	324/318	324/319	Zhu; Yudong
US 6915152 B2	USPAT	20050705	Method for MR imaging with an array of RF coils	600/422	324/307; 600/410	Zhu; Yudong
US 6879158 B2	USPAT	20050412	Method for accelerating focused excitation with multiple RF transmit coils	324/318	324/309	Zhu; Yudong
US 6876199 B2	USPAT	20050405	Method and system for accelerated imaging using parallel MRI	324/309	324/307	Hardy; Christopher Judson et al.
US 6721589 B1	USPAT	20040413	Rapid three-dimensional magnetic resonance tagging for studying material deformation and strain	600/413	324/307; 324/309; 600/410	Zhu; Yudong et al.

US 6694165 B2	USPAT	20040217	Method for ultra-fast MR fluoroscopy	600/410		Zhu; Yudong
US 6687530 B2	USPAT	20040203	Method and system for tracking small coils using magnetic resonance	600/423	324/309	Dumoulin; Charles Lucian
US 6636756 B2	USPAT	20031021	K-space synthesis for MR imaging in the presence of gradient field nonlinearity	600/410		Zhu; Yudong
US 6611702 B2	USPAT	20030826	Apparatus for use in neonatal magnetic resonance imaging	600/415	600/22; 600/411; 600/422	Rohling; Kenneth William et al.
US 6584337 B2	USPAT	20030624	Method and system for extended volume imaging using MRI	600/410	324/309; 600/415	Dumoulin; Charles Lucian et al.
US 6571020 B1	USPAT	20030527	Introducing reduced dataset information into a primary image dataset	382/254	348/461	Dumoulin; Charles Lucian et al.
US 6564082 B2	USPAT	20030513	Method for incremental field-of-view-MR imaging	600/410		Zhu; Yudong
US 6509736 B2	USPAT	20030121	Method for MRI data acquisition and reconstruction with minimal latency	324/309	324/307	Zhu; Yudong
US 6492814 B1	USPAT	20021210	Self localizing receive coils for MR	324/318	324/322; 600/421	Watkins; Ronald Dean et al.
US 6470204 B1	USPAT	20021022	Intracavity probe for MR image guided biopsy and delivery of therapy	600/411	600/417; 600/424; 606/130	Uzgiris; Egidijus Edward et al.
US 6466018 B1	USPAT	20021015	Rotating body coil apparatus for interventional magnetic resonance imaging	324/318		Dumoulin; Charles Lucian et al.
US 6310479 B1	USPAT	20011030	Magnetic resonance projection imaging of dynamic subjects	324/312		Zhu; Yudong et al.
US 6289233 B1	USPAT	20010911	High speed tracking of interventional devices using an MRI system	600/410	324/309	Dumoulin; Charles Lucian et al.
US 6288541 B1	USPAT	20010911	MRI measurement of blood vessel wall compliance	324/306		Dumoulin; Charles Lucian
US 6275721 B1	USPAT	20010814	Interactive MRI scan control using an in-bore scan control device	600/410	324/318; 600/411	Darrow; Robert David et al.
US 6246896 B1	USPAT	20010612	MRI guided ablation system	600/411	600/412; 606/134; 606/34; 607/115	Dumoulin; Charles Lucian et al.
US 6236738 B1	USPAT	20010522	Spatiotemporal finite element method for motion analysis with velocity data	382/107		Zhu; Yudong et al.
US 6211674 B1	USPAT	20010403	Method and system for providing a maximum intensity projection	324/307	324/309; 324/312	Cline; Harvey Ellis et al.

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US 6201987 B1	USPAT	20010313	Error compensation for device tracking systems employing electromagnetic fields	600/424	324/207.12; 324/318	Dumoulin; Charles Lucian
US 6198282 B1	USPAT	20010306	Optimized MRI gradient system for providing minimum-duration gradient pulses	324/307	324/309; 324/318	Dumoulin; Charles Lucian
US 6175757 B1	USPAT	20010116	Luminal mapping	600/425	128/916; 600/423; 600/462; 604/100.01; 604/100.03	Watkins; Ronald Dean et al.
US 6129667 A	USPAT	20001010	Luminal diagnostics employing spectral analysis	600/424	600/477	Dumoulin; Charles Lucian et al.
US 6115485 A	USPAT	20000905	Introducing reduced data set information into a primary image data set	382/128	382/284	Dumoulin; Charles Lucian et al.
US 6084411 A	USPAT	20000704	Flexible lightweight attached phased-array (FLAP) receive coils	324/318	324/322	Giaquinto; Randy Otto John et al.
US 5999839 A	USPAT	19991207	Arterial MRI with chemical-shift nulling	600/413	324/306; 600/419; 600/420	Hardy; Christopher Judson et al.
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US 5882305 A	USPAT	19990316	Optical coupling for invasive devices	600/421	385/88	Dumoulin; Charles Lucian et al.
US 5807253 A	USPAT	19980915	Patient electrical isolation system	600/410	128/908	Dumoulin; Charles Lucian et al.
US 5740802 A	USPAT	19980421	Computer graphic and live video system for enhancing visualization of body structures during surgery	600/407	352/60; 434/267; 703/2	Nafis; Christopher Allen et al.
US 5730134 A	USPAT	19980324	System to monitor temperature near an invasive device during magnetic resonance procedures	600/412	600/549	Dumoulin; Charles Lucian et al.
US 5730129 A	USPAT	19980324	Imaging of interventional devices in a non-stationary subject	600/407	128/899; 378/62; 600/417; 600/424	Darrow; Robert David et al.
US 5715822 A	USPAT	19980210	Magnetic resonance devices suitable for both tracking and imaging	600/422	128/899; 324/318	Watkins; Ronald Dean et al.
US 5713359 A	USPAT	19980203	Magnetic resonance (MR) perfusion imaging in a low-field	600/420	324/306; 600/419	Dumoulin; Charles Lucian et

			imaging magnet			al.
US 5694142 A	USPAT	19971202	Interactive digital arrow (d'arrow) three-dimensional (3D) pointing	345/9	345/156; 348/77; 353/28	Dumoulin; Charles Lucian et al.
US 5671742 A	USPAT	19970930	Method for magnetic resonance angiography using in-flow of transverse spin magnetization	324/318	324/307; 324/309	Dumoulin; Charles Lucian et al.
US 5671739 A	USPAT	19970930	Imaging of interventional devices during medical procedures	600/424		Darrow; Robert David et al.
US 5615677 A	USPAT	19970401	MRI tracking of cyclical motion by fourier integration of velocity	600/410	324/306; 324/309; 356/27; 356/28; 356/28.5; 600/419	Pelc; Norbert J. et al.